

10017929_CLS.txt

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10017929 on February 08, 2005

Original Classifications

6 343/840
3 375/133
3 377/60
2 370/335
2 370/350
2 375/224

Cross-Reference Classifications

4 455/293
4 455/447
3 257/239
3 257/292
3 257/294
3 257/E27.157
3 257/E27.162
3 327/94
3 343/795
3 370/335
2 333/134
2 343/851
2 370/209
2 370/280
2 370/324
2 370/441
2 370/503
2 370/522
2 375/145
2 375/149
2 375/356
2 379/134
2 455/422.1
2 455/426.1
2 455/450
2 455/452.2
2 455/453
2 455/454
2 455/502
2 455/561
2 455/62
2 455/67.11

Combined Classifications

6 343/840

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5 370/335
4 455/293
4 455/447
3 257/239
3 257/292
3 257/294
3 257/E27.157
3 257/E27.162
3 327/94
3 343/795
3 370/209
3 370/350
3 375/133
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3 455/454
3 455/561
2 333/134
2 343/851
2 370/280
2 370/324
2 370/329
2 370/337
2 370/342
2 370/343
2 370/441
2 370/503
2 370/522
2 375/145
2 375/149
2 375/224
2 375/356
2 379/134
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2 455/67.11

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Titles of Most Frequently Occurring Classifications of Patents Returned

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6 343/840 (6 OR, 0 XR)

Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS

343/700R ANTENNAS

343/834 .Antenna with parasitic reflector

343/840 ..Parabolic-type reflector with active antenna
at focus

5 370/335 (2 OR, 3 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/328 .Having a plurality of contiguous regions
served by respective fixed stations

370/329 ..Channel assignment

chniques (e.g.,

CDMA)

4 455/293 (0 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY
CONVERTER

455/269 .With wave collector (e.g., antenna)

455/280 ..With coupling to a stage of the receiver

455/293 ...Specified stage (e.g., mixer, amplifier, or
demodulator)

4 455/447 (0 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/446 ..Including cell planning or layout

455/447 ...Frequency reuse scheme

3 257/239 (0 OR, 3 XR)

Class 257 : ACTIVE SOLID-STATE DEVICES

257/213 FIELD EFFECT DEVICE

257/215 .Charge transfer device

257/239 ..Signal charge detection type (e.g., floating
diffusion or floating gate non-destructive
output)

3 257/292 (0 OR, 3 XR)

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Class 257 : ACTIVE SOLID-STATE DEVICES
257/264 . . . Enhancement mode or with high resistivity channel (e.g., doping of 10 15 cm⁻³ or less)

257/288 . . Having insulated electrode (e.g., MOSFET, MOS diode)
257/290 . . . Light responsive or combined with light responsive device
257/291 . . . Imaging array
257/292 Photodiodes accessed by FETs

3 257/294 (0 OR, 3 XR)
Class 257 : ACTIVE SOLID-STATE DEVICES
257/264 . . . Enhancement mode or with high resistivity channel (e.g., doping of 10 15 cm⁻³ or less)

257/288 . . Having insulated electrode (e.g., MOSFET, MOS diode)
257/290 . . . Light responsive or combined with light responsive device
257/291 . . . Imaging array
257/294 With shield, filter, or lens

3 257/E27.157 (0 OR, 3 XR)
Class 257 : ACTIVE SOLID-STATE DEVICES
257/E27.102 Read-only memory, ROM, structure (EPO)
257/E27.122 . . Including active semiconductor component sensitive to infrared radiation, light, or electromagnetic

)
257/E27.127 . . . Device controlled by radiation (EPO)
257/E27.13 . . . Imager Including structural or functional details of the device (EPO)
257/E27.15 Charge coupled imager (EPO)
257/E27.154 Area CCD imager (EPO)
257/E27.157 Frame transfer (EPO)

3 257/E27.162 (0 OR, 3 XR)
Class 257 : ACTIVE SOLID-STATE DEVICES
257/E27.102 Read-only memory, ROM, structure (EPO)
257/E27.122 . . Including active semiconductor component sensitive to infrared radiation, light, or electromagnetic

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details of the device (EPO)

257/E27.15Charge coupled imager (EPO)

257/E27.162Anti-blooming (EPO)

3 327/94 (0 OR, 3 XR)

Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR
DEVICES, CIRCUITS, AND SYSTEMS

327/1 SPECIFIC SIGNAL DISCRIMINATING (E.G.,
COMPARING, SELECTING, ETC.) WITHOUT SUBS

EQUENT CONTROL

327/50 .By amplitude

327/91 ..Including details of sampling or holding

327/94 ...Sample and hold

3 343/795 (0 OR, 3 XR)

Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS

343/700R ANTENNAS

343/793 .Balanced doublet - centerfed (e.g., dipole)

343/795 ..Sheet or wing type

3 370/209 (1 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/203 GENERALIZED ORTHOGONAL OR SPECIAL MATHEMATICAL
TECHNIQUES

370/208 .Particular set of orthogonal functions

370/209 ..Walsh functions

3 370/350 (2 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/345 .Combining or distributing information via tim
e
channels

370/350 ..Synchronization

3 375/133 (3 OR, 0 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM

375/132 .Frequency hopping

375/133 ..End-to-end transmission system

3 377/60 (3 OR, 0 XR)

Class 377 : ELECTRICAL PULSE COUNTERS, PULSE DIVIDERS, OR
SHIFT REGISTERS: CIRCUITS AND SYSTEMS

377/57 CHARGE TRANSFER DEVICE (E.G., ANALOGUE SHIFT
REGISTER, CCD, BUCKET BRIGADE DEVICE)

377/60 .Particular input or output means

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3 455/454 (1 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/450 ..Channel allocation
455/454 ...Spectrum sharing for different type of
system (e.g., point-to-point microwave, television, etc.)

3 455/561 (1 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
TRANSCEIVER)
455/550.1 .Radiotelephone equipment detail
455/561 ..Base station detail

2 333/134 (0 OR, 2 XR)
Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
333/1 PLURAL CHANNEL SYSTEMS
333/100 .Having branched circuits
333/132 ..For providing frequency separation
333/134 ...Utilizing long line element

2 343/851 (0 OR, 2 XR)
Class 343 : COMMUNICATIONS: RADIO WAVE ANTENNAS
343/700R ANTENNAS
343/850 .With coupling network or impedance in the leadin
343/851 ..With radiation suppressor (e.g., shield)

2 370/280 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/276 DUPLEX
370/277 .Communication over free space
370/280 ..Time division

2 370/324 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/315 .Repeater
370/316 ..Airborne or space satellite repeater
370/319 ...Multiple access (e.g., FDMA)
370/321Time division (TDMA)
370/324Synchronization

2 370/329 (1 OR, 1 XR)

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Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/328 .Having a plurality of contiguous regions
 served by respective fixed stations
370/329 ..Channel assignment

2 370/337 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/328 .Having a plurality of contiguous regions
 served by respective fixed stations
370/329 ..Channel assignment
370/336 ...Combining or distributing information via
 time channels
370/337Multiple access (e.g., TDMA)

2 370/342 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/342 .Combining or distributing information via cod

e
 word channels using multiple access techniq
ues (e.g., CDMA)

2 370/343 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/343 .Combining or distributing information via
 frequency channels

2 370/441 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
370/431 CHANNEL ASSIGNMENT TECHNIQUES
370/441 .Combining or distributing information via cod

e
 word channels using multiple access techniq
ues (e.g., CDMA)

2 370/503 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
370/473 ..Transmission of a single message having
 multiple packets
370/498 .Combining or distributing information via tim
e
 channels
370/503 ..Synchronizing

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- 2 370/522 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/473 ..Transmission of a single message having
multiple packets
370/498 .Combining or distributing information via tim
e
channels
370/522 ..Signaling (ancillary to main information)
- 2 375/145 (0 OR, 2 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence
375/141 ..End-to-end transmission system
375/145 ...Having specific signaling for code
synchronization
- 2 375/149 (0 OR, 2 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence
375/147 ..Receiver
375/149 ...Having specific code synchronization
- 2 375/224 (2 OR, 0 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/224 TESTING
- 2 375/356 (0 OR, 2 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/354 SYNCHRONIZERS
375/356 .Network synchronizing more than two stations
- 2 379/134 (0 OR, 2 XR)
Class 379 : TELEPHONIC COMMUNICATIONS
379/111 WITH USAGE MEASUREMENT (E.G., CALL OR TRAFFIC
REGISTER)
379/133 .Call traffic recording or monitoring
379/134 ..At central station
- 2 455/422.1 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
- 2 455/423 (1 OR, 1 XR)

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Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/423 ..Diagnostic testing, malfunction indication,
or electrical condition measurement

2 455/426.1 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/426.1 ..Including other radio communication system
(e.g., cordless telephone, paging, trunking
, etc.)

2 455/450 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/450 ..Channel allocation

2 455/452.2 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/450 ..Channel allocation
455/452.1 ...Dynamic allocation
455/452.2Based on service quality (e.g., bandwidth,
etc.)

2 455/453 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/450 ..Channel allocation
455/453 ...Load balancing

2 455/502 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more
than two stations)
455/501 ..Noise, distortion, or singing reduction
455/502 ...Synchronized stations

2 455/62 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

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455/62 .Optimum frequency selection

2 455/67.11 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/67.11 .Having measuring, testing, or monitoring of
system or part